



Product Evaluation

WIN2148 | 1016

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2148

Effective Date: October 1, 2016

Re-evaluation Date: November 2018

Product Name: Series 5300 DH53 (G5305) Double Hung Vinyl Window, New Construction, Impact Resistant

Manufacturer: Soft-Lite Windows
10250 Philipp Parkway
Streetsboro, OH 44241
(330) 528-3400

General Description:

System	Description	Label Rating	Design Pressure
1	Series 5300 DH53 (G5305) Double Hung Window	H-R50 (52 x 72) (INS LAM GL) Missile Level C-Wind Zone 2	+50/-50 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	52" x 72"	47-5/16" x 34-5/8"	48-3/16" x 35-1/2"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SL-1
	Product Name	5305 DH53 DH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05, ASTM E 1886-05, ASTM E 1996-05

Impact Resistance:

System	Impact Resistant	Limitations
1	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded. Provide an impact protective system when installing the product in the Seaward zone .

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Install the window in accordance with Soft-Lite Windows drawing No. TX-4584, titled: "5300 DH53" (G5305) Double Hung Window "Impact", sheets 1 through 4 of 4, dated 11/17/2015, signed, sealed and dated 2/22/2016 by Lyndon F. Schmidt, P.E.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.